

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/900,123	WILTAMUTH ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Anil Khatri	2191	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/23/07.
2. ☒ The allowed claim(s) is/are 1-4, 6-15, 17-20, 22-26, 28-37, 39-41, 58-64 and 66-75.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Platz, Registration no. 60,013 on 6/26/07.

The application has been amended as follows:

#### In Claims

Cancel claims 5, 16, 27, 38, 65 and 76

Claim 1, line 3

After enables            delete - - at least one - -

After enables            insert - - a - -

Claim 1, line 4

After implement        delete - - at least one - -

After implement        insert - - a - -

Claim 1, line 5

After said                delete - - at least one - -

After said                insert - - the - -

Claim 1, line 5

After the                 delete - - at least one - -

Claim 1, line 7

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After said delete - - at least one - -

After said insert - - the - -

Claim 1, line 8

Before explicit delete - - at least one -

Claim 2, line 2

After the delete - - at least one -

Claim 3, line 2

After specifying delete - - at least one - -

After specifying insert - - a - -

Claim 3, line 2

After said delete - - at least one - -

After said insert - - a - -

Claim 4, line 3

After said delete - - at least one - -

After said insert - - the - -

Claim 6, line 2,

After said delete - - at least one - -

After said insert - - the - -

Claim 6, line 3,

After said delete - - at least one - -

After said insert - - the - -

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Claim 13, line 1,

After said delete - - at least one - -

After said insert - - the - -

Claim 13, line 2

After the delete - - at least one - -

Claim 14, lines 3,

After said delete - - at least one - -

After said insert - - the - -

Claim 15, lines 3,

After the delete - - at least one - -

Claim 18, lines 2,

Before software delete - - at least one - -

Before software insert - - the - -

Claim 23, line 4

After enables delete - - at least one - -

After enables insert - - the - -

Claim 23, line 5

After implement delete - - at least one - -

After implement insert - - a - -

Claim 23, line 5

After specifying delete - - the - -

After specifying insert - - a - -

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Claim 23, line 6

After said delete - - at least one - -

After said insert - - the - -

Claim 23, line 6

After the delete - - at least one - -

After the insert - - explicit - -

Claim 24, line 3

After the delete - - at least one - -

Claim 25, line 2,

After specifying delete - - at least one - -

After specifying insert - - a - -

Claim 25, lines 3,

After said delete - - at least one - -

After said insert - - the - -

Claim 28, line 2,

After said delete - - at least one - -

After said insert - - the - -

Claim 28, line 3,

After said delete - - at least one - -

Claim 35, line 2,

After said delete - - at least one - -

After said insert - - the - -

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Claim 35, line 3,

After the delete - - at least one - -

Claim 36, line 3,

After said delete - - at least one - -

Claim 37, line 3,

After the delete - - at least one - -

Claim 74, line 1

After claim delete - - 54 - -

Claim 74, line 1

After claim insert - - 61 - -

***Allowable Subject Matter***

Claims 1-4, 6-15, 17-20, 22-26, 28-37, 39-41, 58-64 and 66-75 (renumbered 1- 53) are allowed.

The following is an examiner's statement of reasons for allowance:

The cited prior art taken alone or in combination does not fairly suggest the claimed invention of provision of explicit interface members in object-oriented environment. Specifically, claims 1, 23 and 61 are directed to utilizing an explicit interface member mechanism that enables at least one software component to implement at least interface member by explicitly specifying the relationship, implementing at least one explicit interface member and initializing an instance

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of software component. Prior art teaches software development tool that represents multiple dependencies between a dependent node and a defining node in a project as a single dependency link methods and systems consistent with the present invention also identify and display details regarding each dependency in a project upon request by the user but does not teach utilizing an explicit interface member mechanism that enables at least one software component to implement at least interface member by explicitly specifying the relationship, implementing at least one explicit interface member and initializing an instance of software component.

Therefore, it allows for implementing an explicit interface member in connection with a computer programming language and provides a mechanism that prevents conflicts between independently developed interfaces also enables a mechanism for implementing specific versions of generic interfaces that do not conflict.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anil Khatri whose telephone number is 571-272-3725. The examiner can normally be reached on M-F 8:30-5:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached on 571-272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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ANIL KHATRI  
PRIMARY EXAMINER